琉球大学学術リポジトリ

20世紀のアメリカ人によるピアノ曲:その作曲技法と難易度

メタデータ	言語:
	出版者: 琉球大学教育学部音楽科
	公開日: 2011-05-27
	キーワード (Ja):
	キーワード (En):
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URL	http://hdl.handle.net/20.500.12000/20027

AMERICAN PIANO LITERATURE IN TWENTIETH CENTURY : REFERENCES AND GRADING LIST

by

Yoko Shayesteh

American music from the end of the Civil War to the end of World War I was strongly dominated by European traditions, particularly Austria and Germany. In the 1920s, many composers in the United States were trying very hard to establish their own musical style. It has been a battle for the American composers to come out from under the shadow of a powerful long-established tradition to create an individual national school ; therefore, a fairly large nationalist group appeared to write American music which employed tribal chant of the Indians, the Negro spirituals, the tradition of Anglo-American folk music, and the songs of the cowboys. But, we can still find strong influence from Europe, such as Impressionistic, atonality, and twelve-tone techniques.

The largest group of United States composers are basically Classicists or Neo-Classicists. They employ twentieth century techniques, using Baroque or Classic forms such as, sonata, suite, prelude and fugue, and toccata.

This paper presents a classification of American piano literature according to the difficulty : elementary, intermediate, and advanced, and gives the composition techniques of twentieth century which are explained below.

Church Modes : The old modes might have been completely forgotten. About 1890 Debussy, followed by many twentieth century composers, began using them.

- Pentatonic : One of the oldest scales. Any series of five tones may be given this name, but the most common arrangement is that represented by the black notes on the keyboard.
- Wholetone Scale : The most well-known hexatonic or six-note is the wholetone. It is associated with Debussy and Impressionism.
- Atonality : The absence of tonality is achieved by avoiding any functional relationship among the twelve tones, all of which are used freely and independently of each other.
- Synthetic Scale : Any original, unconventional scale created by the composer. Three of the more prominent ones are Hungarian minor, Spanish, and Bagpipe.
- Extended Range and Wide Leaps : The salient characteristics of contemporary melody are extended range, limited range, exploitation of extremely high and low registers, angular and disjointed lines caused by numerous wide and dissonant leaps, and successive skips in the same direction.
- Asymmetric Meter : New and unpredictable rhythmic patterns led composers to arrange beats into uneven (asymmetric) groups. The result was two-fold : asymmetric meters (5 / 4, 5 / 8, 7 / 4, 7 / 8, 11 / 8, 13 / 8, etc.) and asymmetric divisions of beats in conventional meters where the eighth note, or sub-pulse, remains constant (4 / 4 becomes 8 / 8 as 3 + 3 + 2 / 8, or 3 + 2 + 3 / 8, etc.; 9 / 8 is divided unequally as 4 + 2 + 3, etc.).

- Shifted Accents : Irregular, unpredictable accents, usually occurring in changing meter contexts.
- Changing Meter : One means devised by composers of this century, by which they could break away from the clutches of predictable metric pulse and achieve rhythmic variety, was to substitute changing meters for the traditional single meter throughout a work or section of a piece. Instead of tailoring musical ideas to fit, like poetry, into successive measures of equal length, changing meters are denoted by meter signatures inserted where needed, or by no signature, but by an indication.
- Alternating Meters : Continuous alternation of two time signatures within a work.
- Prose Rhythms : Free-flowing speech rhythms with little or no metric pulse.
- Polymeters : The simultaneous use of more than one rhythmic pattern. One of the most daring steps toward the emancipation of rhythm in the twentieth century.
- Ostinato : The term ostinato means "obstinate" and refers to a recurring, short rhythmic pattern in the bass. The ostinato is simply an accompaniment figure without the restriction of being associated with a variation form. It may be melodic or harmonic but not without strong rhythmic implications.

Pedal Point : Pedal point (organ point), a sustained bass tone over

which harmonies change, was a common device in eighteenth century organ music in which its appearance on the dominant or tonic signaled the approaching conclusion of the piece.

- Pulsating Rhythm : Repeated note ostinatos with relentless regularity is the common means used by twentieth century composers. When the repeated pattern is dissonant, its brutal force is increased.
- Tertian ; Triads, Seventh and Ninth Chords : Though functional harmony has been almost completely abandoned by twentieth century composers, tertian chords have not. Drawing from an enlarged field of twelve tones, composers lavishly and freely employ triads, seventh, and ninth chords in successive or parallel diatonic and chromatic relationships. They are not chosen haphazardly, though it is true they do not always "match" whatever else is going on. Rather, they are selected discriminately for their colorful effects.
- Major-Minor Chords : Equal treatment of all twelve tones led to the demise of the uniquely distinct major and minor modes. The major-minor chords contains both a major and minor third. With the minor third on top, an octave or more usually separates the two tones which sometimes sound successively rather than simultaneously.
- Tone Clusters : One of the non-tertian structures is formed by combining seconds together into secundal chords, known as tone clusters, and adding notes to already existing tertian chords. The added second and sixth are the most common.

- Melodic Doubling : It stems from ancient tenth century organum, which was the practice of harmonizing a melody in fourths or fifths. Melodic doubling is utilized by twentieth century composers as both a vocal and instrumental technic, the fourths and fifths of organum not only produce an archaic effect, but also represent a break from the recent past when parallel fifths were "not allowed," and fourths were considered unstable and, therefore, needed resolution to thirds.
- Polychords : Polychords are formed when two or more chords are stacked, each one intact as a unit and spatially separated from the other. They sound simultaneously or in close association, producing a kaleidoscopic color effect and an enriched texture.
- Serial Chords : Serial chords are derived from the sectioning of a twelve-tone row into various size groups of tones. Derivations of the row ; inversion, retrograde, transposition, retrograde inversion, may be sectioned for building chords.
- Harmonic Series of Overtones : Peculiar to piano music is the recent device of depressing some keys silently while playing others. A word of explanation usually accompanies the "silent" diamond or triangular - shaped notes which indicate this device.
- Percussive Use of Harmony : In the roster of orchestral instruments the piano assumes its place in the percussion section due to the way the tone is produced ; hammers strike the strings. Common means for creating this way, sometimes brutal effect, are tone clusters, use of the low register, and large splashes of skyscraper-like chords.

- Bitonality : Reaction against chromaticism resulted in a type of organization whereby two keys sound simultaneously in separate layers ; in the case of piano music, one in each hand.
- Pandiatonicism : Pandiatonicism came about as a reaction against chromaticism. It is often referred to as "white-note" writing because all or most of the tones are derived from one scale, frequently major.
- Shifted Tonality : Shifted tonality simply means a sudden modulation to a distant key, as D to E, and represents a repudiation of the lengthy modulatory passages in nineteenth century music.
- Expanded Tonality : Expanded tonality is based upon the dodecuple scale but which has a key center and ends on a tonic.
- Dissonant Counterpoint : Modern polyphony has been stripped of such controls as consonant intervals permissible only in string beats and allows for any intervals to be prominent. This texture is called dissonant counterpoint and is idiomatic in contrapuntal forms.
- Unison Writing : Unison writing is the doubling of a melody at the octaves. It differs from conventional doubling in that the two lines are two or more octaves apart, in different registers, producing a thin, archaic effect skin to ancient monophony.
- Widely Spaced Sonorities and Extreme Registers : Music of the tonal period can usually be reduced to four parts ; soprano, alto, tenor,

and bass. The various tones at any given time are distributed across the span of those ranges which would be roughly the distance of four to five octaves. Contemporary composers have extended this distance, using the entire gamut of the keyboard in piano music. Both hands may be very high or very low. When they are widely separated, the middle register may be filled in or left silent.

- Pointillism : Pointillism is a fragmentary style in which continuous solid lines and textures are avoided.
- Jazz : In duple meter, the off-beat accent character. Use of polyrhythms, blues note.
- New Notation : In twentieth century, composers start using new notation style, according to their new sound of music.
- Aleatoric or Chance Music : Aleatoric or chance music is being written for all mediums including piano. This kind of writing allows the performer freedom to improvise or choose an arrangement of suggested patterns at given points in the piece. A time limit may or may not be imposed by the composer.
- Innovative Piano Effects : Henry Cowell and Charles lves were the pioneers of innovative piano effects. Clusters are now common place to us in the late twentieth century whether played with the hand, arm or a board. Plucking strings inside the piano gives a harp effect and is used imaginatively by some composers.

Prepared Piano : John Cage was one of the artists who moved the

furthest away from tradition. Cage's love of unconventional sounds has made him reconsider the various traditional instruments and how they can be changed to produce a new result. One of these investigations resulted in the prepared piano, which consists of objects such as nails, bolts, pins, and other materials placed between the strings of a piano, creating a diversity of different timbres. Cage was influenced by some of Cowell's discoveries, but in most respects, Cage's is an original concept.

P10~25 表がはいる P26 SELECTED がはいる

GRADING LIST OF AMERICAN MUSIC «ELEMENTARY LEVEL:»

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Music and Composer	Character of Music
Suite for the Young, #5 ("Lullaby") by Dello Joio, Norman	Phrygian mode Mixolydian mode Shifted Tonality
The Irishman Dances by Cowell, Henry	Phrygian mode
Suite for the Young, #1 ("Mountain Melody") by Dello Joio, Norman	Pentatonic
24 Piano Inventions, #18 ("Walking") by Finney, Ross Lee	Changing Meters
Suite for the Young, #8("A Sad Tale") by Dello Joio, Norman	Ostinato Cluster: added note
Suite for the Young, #2 ("Invention") by Dello Joio, Norman	Polychord Contrapuntal; Mirror Writing

 32 Piano Games, II ("Five Fingers") III (Thirds") VII ("Broken Thirds and 3 white-Note Clusters") X III ("Mirror Music") by Finney, Ross Lee 	Contrapuntal
32 Piano Games, Ⅷ ("Everything Everywhere") XⅦ ("Up and Down") by Finney, Ross Lee	Widely Spaced Sonorities
Suite for the Young, #6 ("Echoes") by Dello Joio, Norman	Fragmentation; Pointillism
Suite for the Young, #9 ("Small Fry") by Dello Joio, Norman	Jazz: Blues
Sunday Afternoon Music by Copland, Aaron	
The Irishman Dances by Copoand, Aaron	

Serenade, Op. 2, No. 2 by Krenek, Ernst	
Four Pieces for Children by Sessions, Roger	
A Tune by Stevens, Halsey	
Musette by Stevens, Halsey	Alternating Meters: 5/8 & 4/8
Improvisation by Stevens, Halsey	
Scherzo by Stevens, Halsey	
Nepdolszvit by Stevens, Halsey	Folk tune

«INTERMIDIATE LEVEL»

Dorian mode
Phrygian mode
Mixolydian mode Aeolian mode
Aeolian mode
Aeolian mode
Atonality 12-tone

Pentatonic
N 10
Synthetic Scales: Spanish
Synthetic Scales: Spanish
Extended Range
3.
Extended Range: High & Low
Extended Range
12-tone
Angular lines of melody

Enfantines, #9 ("Teasing") by Bloch, Ernest	Wide and Dissonant Leaps Cluster
12 Short Piano Pieces, Op. 83#1 ("Dancing Toys")by Krenek, Ernst	Angular lines of melody
Little Suite, "Children at Play" by Roy, Harris	Asymmetric Meters: 7/8
Masters of Our Day "Mystic Flute, Op. 22" by Hovhaness, Alan	Asymmetric Meters: 7/8 3+2+2/8
Masters of Our Day, "The Young Pioneers" by Copland, Aaron	Asymmetric Meters: 7/8
Seventeen Piano Pieces, "From a Roman Sketchbook" by Stevens, Halsey	Asymmetric Meters: 5/8
Enfantines, #5 ("Joyous March") by Bloch, Ernest	Alternating Meters: 4/4 & 3/4

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32 Piano Games, XX ("Argument") by Finney, Ross Lee	Pulsating Rhythm
Lyric Pieces for the Young,	Tertian
#2 ("Prayer of the Matador")	
by Dello Joio, Norman	
24 Piano Inventions,	Tertian
#23 ("Playing Ball")	
by Finney, Ross Lee	
American Music by Distinguished	Cluster
Composers, "Sway Dance"	
by Cowell, Henry	
24 Piano Inventions.	Cluster
#10 ("Playing Tag")	
by Finney, Ross Lee	
32 Piano Games, X I ("3 White-Note	Widely Spaced Sonority
Clusters, High and Low")	Cluster
X X V II ("Mirror Waltz")	
X I X ("Berceuse")	
by Finney, Ross Lee	
Comtemporary Piano Literature, Book 5-6	Polychord
"Swinging"	12-tone
by Finney, Ross Lee	

32 Piano Games, XXVIII ("Mountains") XXIX ("Windows") XXX ("Mobile") XXXII ("Winter") by Finney, Ross Lee	Pross Rhythm Widely Spaced Sonority
Little Suite, "Bells" by Roy, Harris	Pross Rhythm
Preludes for Piano, II by Gershwin, George	Polymeters
Comtenporary Piano Literature, Book 5-6, "Night" "Song" by Finney, Ross Lee	Ostinato
Lyric Pieces for the Young, #1 ("Boat Song") #4 ("Night Song") by Dello Joio, Norman	Ostinato
 24 Piano Inventions, #21 ("Twilight") #22 ("A Sad Song") by Finney, Ross Lee 	Ostinato

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American Composers of Today, "Lullaby" by Hovhaness, Alan	Pedal Point
Lyric Pieces for the Young, #6 ("Russian Dancer") by Dello Joio, Norman	Polsating Rhythm Polychord
24 Piano Inventions, #17 ("Down") by Finney, Ross Lee	Polychord Serial Chords: 12-tone
American Composers of Today, "Night Song" by Dello Joio, Norman	Polychord Atonality Widely Spaced sonarity
24 Piano Inventions, #18 ("Walking") by Finney, Ross Lee	Serial Chords: 12-tone
12 Short Piano Pieces, Op. 83,#4 ("The Moon Rises")by Krenek, Ernst	12-tone
 12 Short Piano Pieces, Op. 83, #10 ("On the High Mountain") by Krenek, Ernst 	Overtones Widely Spaced sonarity

Lyric Pieces for the Young, #3 ("Street Cries") by Dello Joio, Norman	Pandiatonicism
<pre>24 Piano Inventions, #4 ("Barcarolle") by Finney, Ross Lee</pre>	Pandiatonicism Contrapuntal
Contemporary Piano Literature, Book 4, "Reflections" by Finney, Ross Lee	Contrapuntal: mirror
<pre>24 Piano Inventions, #8 ("Almost Opposite") #13 ("March") by Finney, Ross Lee</pre>	Contrapuntal: mirror
 24 Piano Inventions, #19 ("Holiday") #20 ("Double Mirrors") by Finney, Ross Lee 	Contrapuntal: mirror
32 Piano Games, XXVII ("Mirror Waltz") by Finney, Ross Lee	Contrapuntal: mirror

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24 Piano Inventions,#12 ("Doubt")by Finney, Ross Lee	Pointillism
12 Short Piano Pieces, Op. 83, #8 ("Glass Fingers") by Krenek, Ernst	Pointillism
 12 Short Piano Pieces, Op. 83, #5 ("Little Chessmen") #11 ("Bells in the Fog") #12 ("Indian-Summer Day") by Krenek, Ernst 	Fragmentation: Pointillism
 32 Piano Games, I ("Middle, Bottom and Top") XXII ("Black Notes and White Notes") XXIX ("Windows") by Finney, Ross Lee 	New Notation.
32 Piano Games, XXXVIII ("Mountains") XXX ("Mobile") by Finney, Ross Lee	Aleatoric Music; Chance Music
Four Piano Blues by Copland, Aaron	Jazz

The Snows of Fuji-Yama by Copland, Aaron	Pentatonic
The Banshee by Copland, Aaron	Sweep or pluck the open strings Innovative Piano Effects
Improvisation by Piston, Walter	
Five Two-Part Inventions by Thomson, Virginal	

«ADVANCED LEVEL»

- Marine -	Lum Lum -
Preludes for Piano, III by Gershwin, George	Dorian mode Jazz
Seven Piano Pieces, ("Homage a Frederic Chopin") by Stevens, Halsey	Extended range
Seventeen Piano Pieces, "Another Waltz" "Inventions" "Prelude" by Stevens, Halsey	Angular and wide leaps Dissonant Counterpoint
Three-Tone-Pictures, "The Lake at Evening" by Griffes, Charles	Pedal Point Impressionistic manner
Passacaglia by Piston, Walter	Dissonant Counterpoint Pedal Point Cluster Expanded Tonality
Prelude for Piano, I by Gershwin, George	Tertian: Parallel V 13's Major—Minor Chords

The Cat and the Mouse by Copland, Aaron	Tertian
Piano Music "Exultation" "The Tides of Manaunaun" by Cowell, Henry	Large clusters by hand & forearm New Notation Percussion Use of Harmony
Suite for Piano by Dello Joio, Norman	Clusters
Piano Suite "Contemplation" "Occupation" "Recreation" by Harris, Roy	Clusters
Toccata by Harris, Roy	Unison Writing Clusters Polychords
Toccato by Harris, Roy	Shifted Accents
Excursion Op. 20, No. 1 by Barber, Samuel	Changing Meters Polychords Jazz

Prelude: to Young Musicians Suite for Piano, by Dello Joio, Norman	Changing Meters
Piano Suite, "Occupation" by Harris, Roy	No Meter
Seventeen Piano Pieces, "Erratic Rhythm" "Finale" by Stevens, Halsey	No Meter
Seventeen Piano Pieces, "Study in Hemiola" by Stevens, Halsey	Alternating Meter: 6/8 & 3/4
Excursion Op. 20, No. 4 by Barber, Samuel	Polymeter
Excursion Op. 20, No. 1 & 3 by Barber, Samuel	Ostinato
Piano Music, "Tiger" by Cowell, Henry	Polychords Percussion Use of Harmony Innovative Piano Effect

New Music for the Piano, "Allegro on a Pakistan Lute Tune" by Hovhaness, Alan	Unison Writing
Piano Music, "Aeolian Harp" by Cowell, Henry	Innovative Piano Effects
Fantasy Op. 16 by Hovhaness, Alan	Innovative Piano Effects
Three Fantasies by Bergsma, William	Pedal Point
Sonata (1945-1946) by Carter, Elliott	
Sonata (1939-1941) by Copland, Aaron	Changing Meter Jazz Pedal Point Folk tune
Dynamic Motions Exultation The Harp of Life by Cowell, Henry	Cluster by forearm Jazz

Sonata No. 3 in E Major by Finney, Ross Lee	7/8
Sonata No. 4 in E Major by Finney, Ross Lee	
Fantasy by Finney, Ross Lee	
Fantasy Pieces, Op. 6 by Griffes, Charles	
American Ballades by Griffes, Charles	Folk tune
Sonata No. 2 "Concord, Mass" by Ives, Charles	Impressionistic
Three-Page Sonata by Ives, Charles	Polyrhythm
The Anti-Abolitionist Riots in Boston in the 1850's by Ives, Charles	No bar lines

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Sonata for Piano	Jazz
by Dello Joio, Norman	

Sonata No. 1	
No. 2	
by Dello Joio, Norman	
Nocturne in E Major	
in F-sharp Minor	
by Dello Joio, Norman	
Sonata	
by Kirchner, Leon	
Little Suite	
by Kirchner, Leon	
Sonata No. 2	12-tone
No. 3	
No. 4	
by Krenek, Ernst	
Five Piano Pieces, Op. 39	Free tonal
by Krenek, Ernst	
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Sonata No. 1	
No. 2	
No. 3	
No. 4	
No. 5	
No. 6	
No. 7	e.
No. 8	
No. 9	
by Persichetti, Vincent	
Five Sonatinas	
by Persichetti, Vincent	
Sonata No. 1	Great variety of textures
by Sessions, Roger	
From my Diary	contrasting moods
by Sessions, Roger	
Three Sonata	
by Shapero, Harold	
Sonata No. 3	
by Stenvens, Halsey	

Toccata by Stenvens, Halsey	
Sonata. by Talma, Louise	
Ten Etudes for Piano by Thomson, Virginal	
Portraits by Thomson, Virginal	
Sonatas and Interludes Bacchanale Meditation Music for Marcel Duchamp by Cage, John	Prepared Piano

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20世紀のアメリカ人によるピアノ曲:

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この小論はヨーロッパの音楽伝統から脱皮し独自の音楽を目指したアメリカ人作曲家24名のピアノ曲特有の作曲技法の分析と、それらの曲を難易度別に整理し小学校及び中学校教員養成課程音楽専攻生の資料としてまとめたものである。